

The following is the agenda item that I would like to add to next months Board Meeting. I have support on this item from McNabb.

Topic: Insufficient Fire Flow in along Balcones Dr.

It has come to my attention that the fire flow in the neighborhood surrounding Balcones Dr from 35th street to Perry Lane is not sufficient to meet the minimum requirement of 1000 gpm at 20psi as required for single family homes by the IFC2012 Appendix B. I would like a representative of WW&W and AFD to address this issue and provide the board with recommendation on how to correct this issue. I will forward a water flow test that I received for a property at 4600 Laurel Canyon. There is a similar poor report for a property at 3420 Mount Barker but I don't have a copy of that report.



AUSTIN FIRE DEPARTMENT - FIRE PREVENTION DIVISION
Engineering Services Section
One Texas Center, Ste 200 - 505 Barton Springs Road
Austin, Texas 78704
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Austin Fire Department Hydrant Flow Test Report

TEST DATE:	4/17/15			COMPANY:	PREV
TIME:	1700	HRS	SHIFT:	OFFICER:	N/N

RESIDUAL HYDRANT

<u>MAP GRID #</u>	<u>HYDRANT #</u>	<u>PIPE INTERSECTION #</u>	<u>MAIN SIZE</u>	<u>AED BOX #</u>
H27	118405	604	6	1905
<u>BLK #</u>	<u>DIRECTION</u>	<u>STREET NAME</u>	<u>TYPE</u>	
4600		LAUREL CANYON	DR	
STATIC PRESSURE (PSI):	94	RESIDUAL PRESSURE (PSI):	24	
COMMENTS:				

FLOW HYDRANT

<u>MAP GRID #</u>	<u>HYDRANT #</u>	<u>PIPE INTERSECTION #</u>	<u>MAIN SIZE</u>	<u>AED BOX #</u>
H27	119131	3156	6	1905
<u>BLK #</u>	<u>DIRECTION</u>	<u>STREET NAME</u>	<u>TYPE</u>	
3400		SPANISH OAK	DR	
STATIC PRESSURE (PSI):	90	VELOCITY PRESSURE (PSI):	15	
		dc = discharge coefficient straight 2½" butt = .9 w/45° elbow = .75	.75	
		diffuser = N/A		
		FLOW RATE (GPM) =	542	

NOTE: This information represents the water supply characteristics in the immediate area on the date and time tested. The City of Austin does not guarantee this data will be representative of the water supply characteristics at any time in the future. It is the requesting party's responsibility to ensure that this test information is appropriate to the location of the project in question and that any differences in elevation between the test location and project are accounted for and included in the hydraulic calculations.

Box 00-1901

Box 00-1905

RESIDUAL

FLOW

